



TROPICAL CYCLONE BULLETIN NR. 15

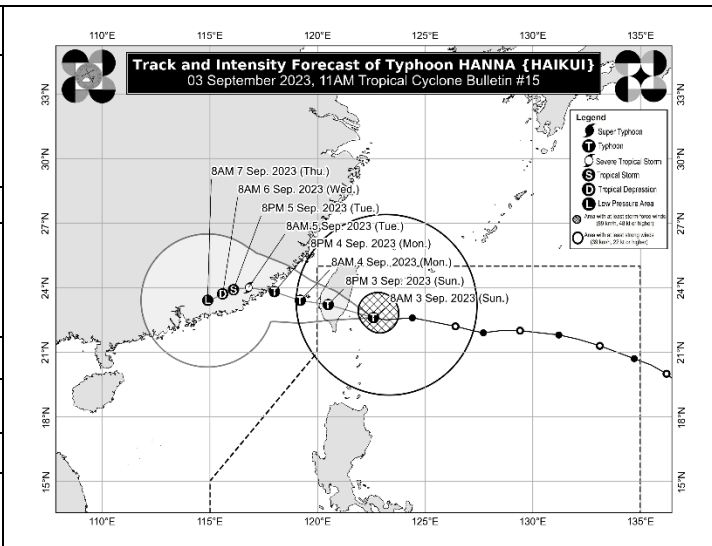
Typhoon HANNA (HAIKUI)

Issued at 11:00 AM, 03 September 2023

Valid for broadcast until the next bulletin at 5:00 PM today.

TYPHOON HANNA CONTINUES TO INTENSIFY AS IT DECELERATES WESTWARD NEAR THE COAST OF SOUTHERN TAIWAN

Location of Center (10:00 AM)
The center of the eye of Typhoon HANNA was estimated based on all available data at 220 km North Northeast of Itbayat, Batanes (22.7°N, 122.3°E)
Intensity
Maximum sustained winds of 155 km/h near the center, gustiness of up to 190 km/h , and central pressure of 950 hPa
Present Movement
Westward at 10 km/h
Extent of Tropical Cyclone Winds
Strong to typhoon-force winds extend outwards up to 560 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 03 September 2023	23.2	120.5	300 km North Northwest of Itbayat, Batanes or in the vicinity of Tainan City, Taiwan	140	TY	WNW 20
24-Hour Forecast 8:00 AM 04 September 2023	23.4	119.2	400 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	140	TY	W 10
36-Hour Forecast 8:00 PM 04 September 2023	23.8	118.0	520 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	120	TY	WNW 10
48-Hour Forecast 8:00 AM 05 September 2023	24.0	116.8	630 km Northwest of Itbayat, Batanes or in the vicinity of Guangdong, China (OUTSIDE PAR)	95	STS	W 10
60-Hour Forecast 8:00 PM 05 September 2023	23.9	116.1	685 km West Northwest of Itbayat, Batanes or in the vicinity of Guangdong, China (OUTSIDE PAR)	75	TS	W Slowly
72-Hour Forecast 8:00 AM 06 September 2023	23.7	115.6	720 km West Northwest of Itbayat, Batanes or in the vicinity of Guangdong, China (OUTSIDE PAR)	55	TD	WSW Slowly
96-Hour Forecast 8:00 AM 07 September 2023	23.4	114.9	770 km West Northwest of Itbayat, Batanes or in the vicinity of Guangdong, China (OUTSIDE PAR)	-	LOW	WSW Slowly

Prepared by: **JEMB**

Checked by: **CFP**



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1	Batanes and Babuyan Islands	-	-
Wind threat: Strong winds	Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property		

HAZARDS AFFECTING LAND AREAS
<p><u>Heavy Rainfall Outlook</u></p> <p>Forecast accumulated rainfall for today</p> <ul style="list-style-type: none"> • 50-100 mm: Batanes and the northern portion of Babuyan Islands <p>Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, flooding and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.</p> <p>The Southwest Monsoon currently enhanced by HANNA will bring occasional to monsoon rains over the western portion of Luzon and Antique in the next three days. For more information, refer to Weather Advisory #20 for Southwest Monsoon issued at 11:00 AM today and 24-Hour Public Weather Forecast and Outlook at 4:00 AM today.</p>
<p><u>Severe Winds</u></p> <p>The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.</p> <ul style="list-style-type: none"> • Minimal to minor impacts from strong winds are also possible within any of the areas under Wind Signal No. 1. <p>The enhanced Southwest Monsoon will continue to bring gusty conditions over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:</p> <ul style="list-style-type: none"> • Today: Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Nueva Vizcaya, Zambales, Pampanga, Bataan, Aurora, Bulacan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Western Visayas, and the northern portion of Eastern Visayas. • Tomorrow: Batanes, Babuyan Islands, Ilocos Region, Abra, Benguet, Apayao, Nueva Vizcaya, Zambales, Pampanga, Bataan, Aurora, Bulacan, Metro Manila, CALABARZON, and most of Bicol Region, MIMAROPA, and Western Visayas. • Tuesday: Batanes, Babuyan Islands, Ilocos Region, Zambales, Bataan, Cavite, the northern portion of Quezon, Lubang Island, Romblon, and Kalayaan Islands.

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HAZARDS AFFECTING COASTAL WATERS

Due to the combined influence of HANNA and the enhanced Southwest Monsoon, a **Gale Warning is in effect** for the northern and western seaboard of Luzon, the eastern seaboard of Central and Southern Luzon, portions of seaboard of Northern Quezon, the southern seaboard of Southern Luzon, and the western seaboard of Visayas. **Disruption in civilian maritime activities is expected over these areas (e.g., suspension of sea travel) due to hazardous sea condition.** For more information, refer to **Gale Warning #24 (Intermediate)** issued at 11:00 AM today.

TRACK AND INTENSITY OUTLOOK

- HANNA is forecast to move generally west northwestward until it makes landfall at or near peak intensity along the east coast of southern Taiwan this afternoon or evening. Slight intensification shortly before landfall is not ruled out, although this window is quickly closing as the typhoon moves closer to land. On the track forecast, the typhoon will cross the rugged terrain of southern Taiwan tonight, resulting in considerable weakening. HANNA may emerge over the Taiwan Strait and exit the Philippine Area of Responsibility (PAR) this late evening or tomorrow early morning.
- Outside the PAR region, HANNA will become slow-moving as it moves westward or west northwestward over the Taiwan Strait. The weakening trend is forecast to continue after crossing Taiwan due to land interaction and increasingly unfavorable environment. It is forecast to make its final landfall along the coast of Guangdong or Fujian, China on Tuesday as a Severe tropical storm. HANNA may weaken into a remnant low on late Wednesday or Thursday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA